

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/583,249
Source: JTGP
Date Processed by STIC: 6/27/06

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/583,249

DATE: 06/27/2006

TIME: 12:21:02

Input Set : A:\Q95566 Sequence Listing.txt

Output Set: N:\CRF4\06272006\J583249.raw

3 <110> APPLICANT: KUBICKA, Stefan
 4 KUHNEL, Florian
 5 SCHULTE, Bernd
 7 <120> TITLE OF INVENTION: ADAPTER FOR COUPLING A SUBSTANCE WHICH IS TO BE COUPLED TO A
 CELL
 8 SURFACE
 10 <130> FILE REFERENCE: Q95566
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/583,249
 C--> 12 <141> CURRENT FILING DATE: 2006-06-16
 12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/014419
 13 <151> PRIOR FILING DATE: 2004-12-17
 15 <150> PRIOR APPLICATION NUMBER: EP 03 029 139.7
 16 <151> PRIOR FILING DATE: 2003-12-18
 18 <160> NUMBER OF SEQ ID NOS: 11
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 33
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial Sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: human Coxsackie Adenovirus Receptor (hCAR) 5'-Primer
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_recomb
 33 <222> LOCATION: (3)..(8)
 34 <223> OTHER INFORMATION: KpnI restriction site
 36 <220> FEATURE:
 37 <221> NAME/KEY: misc_feature
 38 <222> LOCATION: (9)..(11)
 39 <223> OTHER INFORMATION: translation start codon of hCAR
 41 <400> SEQUENCE: 1
 42 gtgttaccat ggcgctcctg ctgtgcttcg tgc 33
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 42
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: human Coxsackie Adenovirus Receptor (hCAR) 3'-Primer
 54 <220> FEATURE:
 55 <221> NAME/KEY: misc_recomb
 56 <222> LOCATION: (3)..(10)
 57 <223> OTHER INFORMATION: NotI restriction site
 59 <220> FEATURE:
 60 <221> NAME/KEY: misc_feature
 61 <222> LOCATION: (11)..(42)

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62 <223> OTHER INFORMATION: complementary bases, corresponding to bases 776 to 807 of
 hCAR
 63 (accession no. NM 001338)
 65 <400> SEQUENCE: 2
 66 tagccggccgc ctttatttga aggagggaca acgttttagac gc 42
 69 <210> SEQ ID NO: 3
 70 <211> LENGTH: 75
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 74 <220> FEATURE:
 75 <223> OTHER INFORMATION: 5'-PCR primer for HIV tat basic region
 78 <220> FEATURE:
 79 <221> NAME/KEY: misc_recomb
 80 <222> LOCATION: (4)..(11)
 81 <223> OTHER INFORMATION: NotI restriction site
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <222> LOCATION: (36)..(65)
 86 <223> OTHER INFORMATION: "sense" oligonucleotide, corresponding to bases nos. 5518-
 5547 of
 87 the HIV genome (accession no. NC 001802)
 89 <220> FEATURE:
 90 <221> NAME/KEY: misc_recomb
 91 <222> LOCATION: (68)..(73)
 92 <223> OTHER INFORMATION: XbaI restriction site
 94 <400> SEQUENCE: 3
 95 aaagccggccg cggaggagga agtggaggag gaggaggcag gaagaagcgg agacagcgc 60
 97 gaagaggtct agaaa 75
 100 <210> SEQ ID NO: 4
 101 <211> LENGTH: 10
 102 <212> TYPE: PRT
 103 <213> ORGANISM: Artificial Sequence
 105 <220> FEATURE:
 106 <223> OTHER INFORMATION: basic region of HIV tat protein
 108 <400> SEQUENCE: 4
 110 Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
 111 1 5 10
 114 <210> SEQ ID NO: 5
 115 <211> LENGTH: 75
 116 <212> TYPE: DNA
 117 <213> ORGANISM: Artificial Sequence
 119 <220> FEATURE:
 120 <223> OTHER INFORMATION: 3'-PCR primer for HIV tat basic region
 123 <220> FEATURE:
 124 <221> NAME/KEY: misc_feature
 125 <222> LOCATION: (1)..(75)
 126 <223> OTHER INFORMATION: complementary to pCAR(ex)TAT48-57 5'
 128 <400> SEQUENCE: 5
 129 ttcttagacc tcttcgtcgc tgtctccgct tcttcctgcc tcctcctcct ccacttcctc 60
 131 ctccgcggcc gcttt 75
 134 <210> SEQ ID NO: 6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/583,249

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Input Set : A:\Q95566 Sequence Listing.txt
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135 <211> LENGTH: 72
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: 5'-PCR primer for 9 Arg peptide
143 <220> FEATURE:
144 <221> NAME/KEY: misc_recomb
145 <222> LOCATION: (4)..(11)
146 <223> OTHER INFORMATION: NotI restriction site
148 <220> FEATURE:
149 <221> NAME/KEY: CDS
150 <222> LOCATION: (36)..(62)
151 <223> OTHER INFORMATION: Coding for 9 Arg ("RRRRRRRRR")
153 <220> FEATURE:
154 <221> NAME/KEY: misc_recomb
155 <222> LOCATION: (65)..(70)
156 <223> OTHER INFORMATION: XbaI restriction site
158 <400> SEQUENCE: 6
159 aaagcgcccg cggaggagga agtggaggag gagga cgt cgc cga cg 53
160 Arg Arg Arg Arg Arg Arg
161 1 5
163 aga cgt aga ggtctagaaa 72
164 Arg Arg Arg
168 <210> SEQ ID NO: 7
169 <211> LENGTH: 9
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: 5'-PCR primer for 9 Arg peptide
176 <400> SEQUENCE: 7
178 Arg Arg Arg Arg Arg Arg Arg Arg
179 1 5
182 <210> SEQ ID NO: 8
183 <211> LENGTH: 72
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: 3'-PCR primer for 9 Arg peptide
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (1)..(72)
194 <223> OTHER INFORMATION: complementary to pCAR(ex)-9xArg 5'
196 <400> SEQUENCE: 8
197 ttcttagacc tctacgtctc cttctccgtc ggcgacgtcc tcctcctcca cttcctcctc 60
199 cgccggccgct tt 72
202 <210> SEQ ID NO: 9
203 <211> LENGTH: 80
204 <212> TYPE: DNA
205 <213> ORGANISM: Artificial Sequence

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PATENT APPLICATION: US/10/583,249

DATE: 06/27/2006

TIME: 12:21:02

Input Set : A:\Q95566 Sequence Listing.txt
Output Set: N:\CRF4\06272006\J583249.raw

207 <220> FEATURE:
208 <223> OTHER INFORMATION: 5'-PCR primer for antennapedia homeobox-protein fragment
211 <220> FEATURE:
212 <221> NAME/KEY: misc_recomb
213 <222> LOCATION: (3)..(10)
214 <223> OTHER INFORMATION: NotI restriction site
216 <220> FEATURE:
217 <221> NAME/KEY: misc_feature
218 <222> LOCATION: (23)..(70)
219 <223> OTHER INFORMATION: partial coding sequence of Euprymna scolopes antennapedia
220 homeodomain protein (accession no.: AY052758), coding for amino
221 acids 62-77
223 <220> FEATURE:
224 <221> NAME/KEY: misc_recomb
225 <222> LOCATION: (73)..(78)
226 <223> OTHER INFORMATION: XbaI restriction site
228 <400> SEQUENCE: 9
229 aagcggccgc ggaggaggag gaagacagat caaaatatgg ttccaaaacc ggcgcattgaa 60
231 atggaagaaaa ggtctagaaaa 80
234 <210> SEQ ID NO: 10
235 <211> LENGTH: 16
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: antennapedia homeobox protein fragment from Euprymna
scolopes
242 <400> SEQUENCE: 10
244 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
245 1 5 10 15
248 <210> SEQ ID NO: 11
249 <211> LENGTH: 80
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: 3'-PCR primer for antennapedia homeobox-protein fragment
257 <220> FEATURE:
258 <221> NAME/KEY: misc_feature
259 <222> LOCATION: (1)..(80)
260 <223> OTHER INFORMATION: complementary to pCAR(ex)-AntP62-77 5'
262 <400> SEQUENCE: 11
263 ttcttagacc ttcttccat ttcatgcgcc gttttggaa ccatatttg atctgtcttc 60
265 ctccctcctcc gccggccgctt 80

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/583,249

DATE: 06/27/2006

TIME: 12:21:03

Input Set : A:\Q95566 Sequence Listing.txt

Output Set: N:\CRF4\06272006\J583249.raw

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date